

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 July 2004 (08.07.2004)

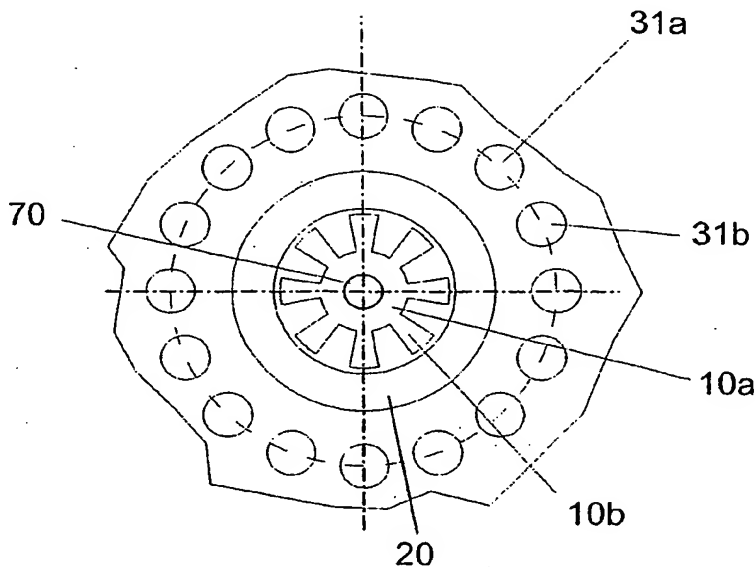
PCT

(10) International Publication Number
WO 2004/056714 A1

- (51) International Patent Classification⁷: **C03B 19/14**, 37/014, C23C 16/00, 16/453
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- (21) International Application Number:
PCT/EP2002/014614
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date:
20 December 2002 (20.12.2002)
- (25) Filing Language: English
- (26) Publication Language: English
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- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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- Published:
— with international search report

[Continued on next page]

(54) Title: BURNER FOR CHEMICAL VAPOUR DEPOSITION OF GLASS



(57) Abstract: A burner for a vapour deposition process has a central nozzle (10) for ejecting a glass precursor material, at least a crown of nozzles (31) surrounding said central nozzle (10) for ejecting a flame reactant, and a circular nozzle (20) between said central nozzle (10) and said crown of nozzles (31) for ejecting an innershield gas, wherein the central nozzle (10) has a concave shape in a cross section in the axial plane and, preferably, a symmetry about an axial plane.

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